



Las Vegas Fire & Rescue Fire Prevention Division Information Sheet



Effective Date: February 1, 2011

CLV Ordinance #6124

The items listed are basic information only. Codes are subject to change. Additional requirements may apply.

Compressed Gases

An operational permit is required for the storage, use or handling at normal temperature and pressure of compressed gases in excess of the following amounts. **IFC 105.6.8**

Type of Gas	Amount (cubic feet at NTP)
Corrosive	200
Flammable (except cryogenic fluids and liquefied petroleum gases)	200
Highly toxic	Any Amount
Inert and simple asphyxiant	6000
Oxidizing (including oxygen)	504
Pyrophoric	Any Amount
Toxic	Any Amount

Partially full compressed gas containers, cylinders or tanks containing residual gases shall be considered as full for the purposes of the controls required. **IFC 3001.1**

Stationary compressed gas containers, cylinders and tanks shall be marked with the name of the gas. **IFC 3003.4.1**

Visible hazard identification signs as specified in NFPA 704 for the specific material contained shall be placed on stationary containers and at entrances to locations where they are stored, dispensed, used or handled in quantities requiring a permit and at specific entrances and locations designated by the fire code official. **IFC 2703.5**

Signs and markings shall not be obscured or removed, shall be in English, shall be durable, and the size, color and lettering shall be approved. Markings shall be visible from any direction of approach. **IFC 2703.6 & 3003.4.1**



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Areas used for the storage, use and handling of compressed gas containers, cylinders, tanks and systems shall be secured against unauthorized entry and safeguarded in an approved manner.

IFC 3003.5.1

Compressed gas containers, cylinders, tanks and systems which could be exposed to physical damage shall be protected. Guard posts or other approved means shall be provided to protect compressed gas containers, cylinders, tanks and systems indoors and outdoors from vehicular damage and shall comply with the *International Fire Code* section 312 (vehicle impact protection). **IFC 3003.5.2**

Compressed gas containers, cylinders and tanks shall be secured to prevent falling caused by contact, vibration or seismic activity. **IFC 3003.5.3**

Incompatible materials in storage and storage of materials that are incompatible with materials in use shall be separated when the stored materials are in containers having a capacity of more than 5 pounds. **IFC 2703.9.8**

Combustible waste, vegetation and similar materials shall be kept a minimum of 10 feet from compressed gas containers, cylinders, tanks and systems. **IFC 3003.7.2**

Compressed gas containers, cylinders and tanks, except those designed for use in a horizontal position and all compressed gas containers, cylinders and tanks containing nonliquefied gases, shall be stored in an upright position with the valve end up. **IFC 3004.1**

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(702)229-0366
www.lasvegasnevada.gov/LawsCodes/fire_code.asp